

## **DATA PACKAGE**

### **SUB - DATA**

**PROJECT NAME : HALOGENS**

**PARADIGM ENVIRONMENTAL SERVICES, INC.**

**179 Lake Avenue**

**Rochester, NY - 14608**

**Phone No: (585) 647-2530**

**ORDER ID : Q2718**

**ATTENTION : Quintin McCooey**



## Cover Page

**Order ID :** Q2718

**Project ID :** Halogens

**Client :** Paradigm Environmental Services, Inc.

**Lab Sample Number**

Q2718-01  
Q2718-02  
Q2718-03

**Client Sample Number**

PERCO-PRECISION-PROD-INC-1(1385-EMERSON-ST)  
PERCO-PRECISION-PROD-INC-2(1400-EMERSON-ST)  
PERCO-PRECISION-PROD-INC-4(500-COLTAX)

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : \_\_\_\_\_

Date: 8/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



*Alliance Technical Group - Akron  
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Cuyahoga Falls, Ohio 44223  
TEL: (330) 253-8211 FAX: (330) 253-4489  
Website: <http://www.settek.com>*

August 12, 2025

Yazmeen Gomez  
ATG - NEWARK LAB  
284 Sheffield Street  
Mountainside, NJ 07092  
TEL:  
FAX:  
RE: Q2718

Order No.: 25080236

Dear Yazmeen Gomez:

Alliance Technical Group - Akron received 3 sample(s) on 7/30/2025 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

A handwritten signature in black ink that reads "Jennifer Woolf". The signature is written in a cursive, flowing style.

Jennifer Woolf

Project Manager

3310 Win St.  
Cuyahoga Falls, Ohio 44223

Arkansas 88-0735, California 2943, Colorado, Connecticut PH-0828, Florida NELAC E87688, Idaho OH00923, Illinois 200061, Indiana C-OH-13, ISO/IEC 17025:2017 119125 L22-544, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Maryland 339, Michigan 9988, Minnesota 1780279, Nevada OH009232020-1, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, North Dakota R-201, Ohio DW, Ohio VAP CL0052, Oklahoma 2019-155, Oregon OH200001, Pennsylvania 68-01335, Rhode Island LA000317, South Carolina 92016001, Texas T104704466-19-16, Utah OH009232020-12, Virginia VELAP 10381, West Virginia 9957C



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## Case Narrative

WO#: 25080236  
Date: 8/12/2025

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**CLIENT:** ATG - NEWARK LAB

**Project:** Q2718

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### WorkOrder Narrative:

25080236: This report in its entirety consists of the following documents: Cover Letter, Case Narrative, Analytical Results, QC Summary Report, Applicable Accreditation Information, Chain-of-Custody, Cooler Receipt Form, and other applicable forms as necessary. All documents contain the Alliance Technical Group Work Order Number assigned to this report.

Alliance Technical Group holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report. Please refer to the "Accreditation Program Analytes Report" for accredited analytes list.

The information contained in this analytical report is the sole property of Alliance Technical Group and that of the customer. It cannot be reproduced in any form without the consent of Alliance Technical Group or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Alliance Technical Group is not responsible for use or interpretation of the data included herein.

All results for solid samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

This report is believed to meet all of the requirements of the accrediting agency, where applicable. Any comments or problems with the analytical events associated with this report are noted below.

### Analytical Sequence Sample Notes:

25080236-001A TOX\_NPW(9020): Analyst diluted sample due to matrix interference

25080236-002A TOX\_NPW(9020): Analyst diluted sample due to matrix interference

25080236-003A TOX\_NPW(9020): Analyst diluted sample due to matrix interference

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Original

These commonly used Qualifiers and Acronyms may or may not be present in this report.

### Qualifiers

|              |                                                                                                                     |
|--------------|---------------------------------------------------------------------------------------------------------------------|
| <b>U</b>     | The compound was analyzed for but was not detected above the MDL.                                                   |
| <b>J</b>     | The reported value is greater than the Method Detection Limit but less than the Reporting Limit.                    |
| <b>H</b>     | The hold time for sample preparation and/or analysis was exceeded. Not Clean Water Act compliant.                   |
| <b>D</b>     | The result is reported from a dilution.                                                                             |
| <b>E</b>     | The result exceeded the linear range of the calibration or is estimated due to interference.                        |
| <b>MC</b>    | The result is below the Minimum Compound Limit.                                                                     |
| <b>*</b>     | The result exceeds the Regulatory Limit or Maximum Contamination Limit.                                             |
| <b>m</b>     | Manual integration was used to determine the area response.                                                         |
| <b>d</b>     | Manual integration in which peak was deleted                                                                        |
| <b>N</b>     | The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.                          |
| <b>P</b>     | The second column confirmation exceeded 25% difference.                                                             |
| <b>C</b>     | The result has been confirmed by GC/MS.                                                                             |
| <b>X</b>     | The result was not confirmed when GC/MS Analysis was performed.                                                     |
| <b>B</b>     | The analyte was detected in the Method Blank at a concentration greater than the RL.                                |
| <b>MB+</b>   | The analyte was detected in the Method Blank at a concentration greater than the MDL.                               |
| <b>G</b>     | The ICB or CCB contained reportable amounts of analyte.                                                             |
| <b>QC-/+</b> | The CCV recovery failed low (-) or high (+).                                                                        |
| <b>R/QDR</b> | The RPD was outside of accepted recovery limits.                                                                    |
| <b>QL-/+</b> | The LCS or LCSD recovery failed low (-) or high (+).                                                                |
| <b>QLR</b>   | The LCS/LCSD RPD was outside of accepted recovery limits.                                                           |
| <b>QM-/+</b> | The MS or MSD recovery failed low (-) or high (+).                                                                  |
| <b>QMR</b>   | The MS/MSD RPD was outside of accepted recovery limits.                                                             |
| <b>QV-/+</b> | The ICV recovery failed low (-) or high (+).                                                                        |
| <b>S</b>     | The spike result was outside of accepted recovery limits.                                                           |
| <b>W</b>     | Samples were received outside temperature limits (0° – 6° C). Not Clean Water Act compliant.                        |
| <b>Z</b>     | Deviation; A deviation from the method was performed; Please refer to the Case Narrative for additional information |

### Acronyms

|             |                                     |               |                                      |
|-------------|-------------------------------------|---------------|--------------------------------------|
| <b>ND</b>   | Not Detected                        | <b>RL</b>     | Reporting Limit                      |
| <b>QC</b>   | Quality Control                     | <b>MDL</b>    | Method Detection Limit               |
| <b>MB</b>   | Method Blank                        | <b>LOD</b>    | Level of Detection                   |
| <b>LCS</b>  | Laboratory Control Sample           | <b>LOQ</b>    | Level of Quantitation                |
| <b>LCSD</b> | Laboratory Control Sample Duplicate | <b>PQL</b>    | Practical Quantitation Limit         |
| <b>QCS</b>  | Quality Control Sample              | <b>CRQL</b>   | Contract Required Quantitation Limit |
| <b>DUP</b>  | Duplicate                           | <b>PL</b>     | Permit Limit                         |
| <b>MS</b>   | Matrix Spike                        | <b>RegLvl</b> | Regulatory Limit                     |
| <b>MSD</b>  | Matrix Spike Duplicate              | <b>MCL</b>    | Maximum Contamination Limit          |
| <b>RPD</b>  | Relative Percent Different          | <b>MinCL</b>  | Minimum Compound Limit               |
| <b>ICV</b>  | Initial Calibration Verification    | <b>RA</b>     | Reanalysis                           |
| <b>ICB</b>  | Initial Calibration Blank           | <b>RE</b>     | Reextraction                         |
| <b>CCV</b>  | Continuing Calibration Verification | <b>TIC</b>    | Tentatively Identified Compound      |
| <b>CCB</b>  | Continuing Calibration Blank        | <b>RT</b>     | Retention Time                       |
| <b>RLC</b>  | Reporting Limit Check               | <b>CF</b>     | Calibration Factor                   |

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.



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**Workorder**  
**Sample Summary**  
WO#: **25080236**  
**12-Aug-25**

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**CLIENT:** ATG - NEWARK LAB  
**Project:** Q2718

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| Lab SampleID | Client Sample ID           | Tag No | Date Collected        | Date Received         | Matrix            |
|--------------|----------------------------|--------|-----------------------|-----------------------|-------------------|
| 25080236-001 | PERCO-PRECISION-PROD-INC-1 |        | 7/22/2025 11:15:00 AM | 7/30/2025 10:15:00 AM | Non-Potable Water |
| 25080236-002 | PERCO-PRECISION-PROD-INC-2 |        | 7/22/2025 11:30:00 AM | 7/30/2025 10:15:00 AM | Non-Potable Water |
| 25080236-003 | PERCO-PRECISION-PROD-INC-4 |        | 7/22/2025 12:15:00 PM | 7/30/2025 10:15:00 AM | Non-Potable Water |



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## DATES REPORT

WO#: 25080236  
12-Aug-25

**Client:** ATG - NEWARK LAB

**Project:** Q2718

| Sample ID     | Client Sample ID               | Collection Date       | Matrix            | Test Name                          | Leachate Date | Prep Date | Analysis Date        |
|---------------|--------------------------------|-----------------------|-------------------|------------------------------------|---------------|-----------|----------------------|
| 25080236-001A | PERCO-PRECISION-<br>PROD-INC-1 | 7/22/2025 11:15:00 AM | Non-Potable Water | Total Organic Halides (TOX) (9020) |               |           | 8/7/2025 8:00:00 AM  |
| 25080236-002A |                                | 7/22/2025 11:30:00 AM |                   | Total Organic Halides (TOX) (9020) |               |           | 8/7/2025 8:00:00 AM  |
| 25080236-003A |                                | 7/22/2025 12:15:00 PM |                   | Total Organic Halides (TOX) (9020) |               |           | 8/11/2025 8:00:00 AM |

Original



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WO#: 25080236  
Date Reported: 8/12/2025  
Company: ATG - NEWARK LAB  
Address: 284 Sheffield Street  
Mountainside NJ 07092  
Received: 7/30/2025  
Project#: Q2718

| Client ID#                 | Lab ID# | Collected | Analyte               | Result Units | Qual | Matrix            | Method   | DF  | MDL    | PQL  | Run       | Analyst |
|----------------------------|---------|-----------|-----------------------|--------------|------|-------------------|----------|-----|--------|------|-----------|---------|
| PERCO-PRECISION-PROD-INC-1 | 001     | 7/22/2025 | Total Organic Halides | 0.0920 mg/L  | J    | Non-Potable Water | EPA 9020 | 10  | 0.0880 | 1.00 | 8/7/2025  | KMS     |
| Client ID#                 | Lab ID# | Collected | Analyte               | Result Units | Qual | Matrix            | Method   | DF  | MDL    | PQL  | Run       | Analyst |
| PERCO-PRECISION-PROD-INC-2 | 002     | 7/22/2025 | Total Organic Halides | ND mg/L      | U    | Non-Potable Water | EPA 9020 | 500 | 4.40   | 50.0 | 8/7/2025  | KMS     |
| Client ID#                 | Lab ID# | Collected | Analyte               | Result Units | Qual | Matrix            | Method   | DF  | MDL    | PQL  | Run       | Analyst |
| PERCO-PRECISION-PROD-INC-4 | 003     | 7/22/2025 | Total Organic Halides | 3.91 mg/L    | J    | Non-Potable Water | EPA 9020 | 50  | 0.440  | 5.00 | 8/11/2025 | KMS     |



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## Accreditation Program Analytes Report

WO#: 25080236  
12-Aug-25

Client: ATG - NEWARK LAB  
Project: Q2718

State: NY  
Program: NY\_DW\_WW\_SCM\_NELAP

| Test Name                          | Matrix            | Analyte               | Status |
|------------------------------------|-------------------|-----------------------|--------|
| Total Organic Halides (TOX) (9020) | Non-Potable Water | Total Organic Halides | A      |

| Accreditation (Acc.) Status Key |                   |
|---------------------------------|-------------------|
| A: Accredited                   | N: Not Accredited |
| P: Provisional                  | U: Unavailable    |

Page 1 of 1  
Version #1



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## QC SUMMARY REPORT

WO#: 25080236

12-Aug-25

Client: ATG - NEWARK LAB

Project: Q2718

BatchID: R214034

|                              |                          |                                                 |           |             |      |                                |           |             |      |                       |      |  |
|------------------------------|--------------------------|-------------------------------------------------|-----------|-------------|------|--------------------------------|-----------|-------------|------|-----------------------|------|--|
| Sample ID: <b>MB-R214034</b> | SampType: <b>MBLK</b>    | TestCode: <b>TOX_NPW(90)</b> Units: <b>mg/L</b> |           |             |      | Prep Date:                     |           |             |      | RunNo: <b>214034</b>  |      |  |
| Client ID: <b>BatchQC</b>    | Batch ID: <b>R214034</b> | TestNo: <b>SW9020</b>                           |           |             |      | Analysis Date: <b>8/7/2025</b> |           |             |      | SeqNo: <b>5716708</b> |      |  |
| Analyte                      | Result                   | PQL                                             | SPK value | SPK Ref Val | %REC | LowLimit                       | HighLimit | RPD Ref Val | %RPD | RPDLimit              | Qual |  |
| Total Organic Halides        | ND                       | 0.100                                           |           |             |      |                                |           |             |      |                       | U    |  |

|                               |                          |                                                 |           |             |      |                                |           |             |                       |          |      |
|-------------------------------|--------------------------|-------------------------------------------------|-----------|-------------|------|--------------------------------|-----------|-------------|-----------------------|----------|------|
| Sample ID: <b>LCS-R214034</b> | SampType: <b>LCS</b>     | TestCode: <b>TOX_NPW(90)</b> Units: <b>mg/L</b> |           |             |      | Prep Date:                     |           |             | RunNo: <b>214034</b>  |          |      |
| Client ID: <b>BatchQC</b>     | Batch ID: <b>R214034</b> | TestNo: <b>SW9020</b>                           |           |             |      | Analysis Date: <b>8/7/2025</b> |           |             | SeqNo: <b>5716709</b> |          |      |
| Analyte                       | Result                   | PQL                                             | SPK value | SPK Ref Val | %REC | LowLimit                       | HighLimit | RPD Ref Val | %RPD                  | RPDLimit | Qual |
| Total Organic Halides         | 0.194                    | 0.100                                           | 0.2000    | 0           | 97.0 | 80                             | 120       |             |                       |          |      |

|                                   |                          |                                                |           |             |      |                                |           |             |      |                       |      |  |
|-----------------------------------|--------------------------|------------------------------------------------|-----------|-------------|------|--------------------------------|-----------|-------------|------|-----------------------|------|--|
| Sample ID: <b>25071243-002AMS</b> | SampType: <b>MS</b>      | TestCode: <b>TOX_NPW(90</b> Units: <b>mg/L</b> |           |             |      | Prep Date:                     |           |             |      | RunNo: <b>214034</b>  |      |  |
| Client ID: <b>BatchQC</b>         | Batch ID: <b>R214034</b> | TestNo: <b>SW9020</b>                          |           |             |      | Analysis Date: <b>8/7/2025</b> |           |             |      | SeqNo: <b>5716726</b> |      |  |
| Analyte                           | Result                   | PQL                                            | SPK value | SPK Ref Val | %REC | LowLimit                       | HighLimit | RPD Ref Val | %RPD | RPDLimit              | Qual |  |
| Total Organic Halides             | 10.6                     | 1.00                                           | 10.00     | 0.5780      | 100  | 80                             | 120       |             |      |                       |      |  |

|                                    |                          |                                                 |           |             |      |                                |           |             |      |                       |      |  |
|------------------------------------|--------------------------|-------------------------------------------------|-----------|-------------|------|--------------------------------|-----------|-------------|------|-----------------------|------|--|
| Sample ID: <b>25071243-002AMSD</b> | SampType: <b>MSD</b>     | TestCode: <b>TOX_NPW(90)</b> Units: <b>mg/L</b> |           |             |      | Prep Date:                     |           |             |      | RunNo: <b>214034</b>  |      |  |
| Client ID: <b>BatchQC</b>          | Batch ID: <b>R214034</b> | TestNo: <b>SW9020</b>                           |           |             |      | Analysis Date: <b>8/7/2025</b> |           |             |      | SeqNo: <b>5716727</b> |      |  |
| Analyte                            | Result                   | PQL                                             | SPK value | SPK Ref Val | %REC | LowLimit                       | HighLimit | RPD Ref Val | %RPD | RPDLimit              | Qual |  |
| Total Organic Halides              | 10.3                     | 1.00                                            | 10.00     | 0.5780      | 97.7 | 80                             | 120       | 10.62       | 2.56 | 20                    |      |  |

### Qualifiers:

H Holding times for preparation or analysis exceeded  
ND Not Detected  
U Samples with CalcVal < MDL

J Analyte detected below quantitation limits  
PL Permit Limit  
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response  
RL Reporting Detection Limit

Original



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## QC SUMMARY REPORT

WO#: 25080236

12-Aug-25

Client: ATG - NEWARK LAB

Project: Q2718

BatchID: R214034

|                             |                   |                      |                         |                |                                                        |
|-----------------------------|-------------------|----------------------|-------------------------|----------------|--------------------------------------------------------|
| Sample ID: 25071243-002AMSD | SampType: MSD     | TestCode: TOX_NPW(90 | Units: mg/L             | Prep Date:     | RunNo: 214034                                          |
| Client ID: BatchQC          | Batch ID: R214034 | TestNo: SW9020       | Analysis Date: 8/7/2025 | SeqNo: 5716727 |                                                        |
| Analyte                     | Result            | PQL                  | SPK value               | SPK Ref Val    | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual |

|                       |                   |                      |                         |                |                                                        |
|-----------------------|-------------------|----------------------|-------------------------|----------------|--------------------------------------------------------|
| Sample ID: MB-R214034 | SampType: MBLK    | TestCode: TOX_NPW(90 | Units: mg/L             | Prep Date:     | RunNo: 214034                                          |
| Client ID: BatchQC    | Batch ID: R214034 | TestNo: SW9020       | Analysis Date: 8/7/2025 | SeqNo: 5717233 |                                                        |
| Analyte               | Result            | PQL                  | SPK value               | SPK Ref Val    | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual |
| Total Organic Halides | ND                | 0.100                |                         |                | U                                                      |

|                       |                   |                      |                         |                |                                                        |
|-----------------------|-------------------|----------------------|-------------------------|----------------|--------------------------------------------------------|
| Sample ID: MB-R214034 | SampType: MBLK    | TestCode: TOX_NPW(90 | Units: mg/L             | Prep Date:     | RunNo: 214034                                          |
| Client ID: BatchQC    | Batch ID: R214034 | TestNo: SW9020       | Analysis Date: 8/7/2025 | SeqNo: 5717236 |                                                        |
| Analyte               | Result            | PQL                  | SPK value               | SPK Ref Val    | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual |
| Total Organic Halides | ND                | 0.100                |                         |                | U                                                      |

|                            |                   |                      |                         |                |                                                        |
|----------------------------|-------------------|----------------------|-------------------------|----------------|--------------------------------------------------------|
| Sample ID: 25080189-001AMS | SampType: MS      | TestCode: TOX_NPW(90 | Units: mg/L             | Prep Date:     | RunNo: 214034                                          |
| Client ID: BatchQC         | Batch ID: R214034 | TestNo: SW9020       | Analysis Date: 8/7/2025 | SeqNo: 5717243 |                                                        |
| Analyte                    | Result            | PQL                  | SPK value               | SPK Ref Val    | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual |
| Total Organic Halides      | 11.2              | 1.00                 | 10.00                   | 0.4400         | 107 80 120                                             |

**Qualifiers:** H Holding times for preparation or analysis exceeded  
ND Not Detected  
U Samples with CalcVal < MDL

J Analyte detected below quantitation limits  
PL Permit Limit  
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response  
RL Reporting Detection Limit

Original



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## QC SUMMARY REPORT

WO#: 25080236

12-Aug-25

Client: ATG - NEWARK LAB

Project: Q2718

BatchID: R214034

|                             |                   |                      |                         |                |                                                        |
|-----------------------------|-------------------|----------------------|-------------------------|----------------|--------------------------------------------------------|
| Sample ID: 25080189-001AMSD | SampType: MSD     | TestCode: TOX_NPW(90 | Units: mg/L             | Prep Date:     | RunNo: 214034                                          |
| Client ID: BatchQC          | Batch ID: R214034 | TestNo: SW9020       | Analysis Date: 8/7/2025 | SeqNo: 5717244 |                                                        |
| Analyte                     | Result            | PQL                  | SPK value               | SPK Ref Val    | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual |
| Total Organic Halides       | 10.9              | 1.00                 | 10.00                   | 0.4400         | 104 80 120 11.15 2.54 20                               |

|                       |                   |                      |                         |                |                                                        |
|-----------------------|-------------------|----------------------|-------------------------|----------------|--------------------------------------------------------|
| Sample ID: MB-R214034 | SampType: MBLK    | TestCode: TOX_NPW(90 | Units: mg/L             | Prep Date:     | RunNo: 214034                                          |
| Client ID: BatchQC    | Batch ID: R214034 | TestNo: SW9020       | Analysis Date: 8/7/2025 | SeqNo: 5717269 |                                                        |
| Analyte               | Result            | PQL                  | SPK value               | SPK Ref Val    | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual |
| Total Organic Halides | ND                | 0.100                |                         |                | U                                                      |

|                       |                   |                      |                         |                |                                                        |
|-----------------------|-------------------|----------------------|-------------------------|----------------|--------------------------------------------------------|
| Sample ID: MB-R214034 | SampType: MBLK    | TestCode: TOX_NPW(90 | Units: mg/L             | Prep Date:     | RunNo: 214034                                          |
| Client ID: BatchQC    | Batch ID: R214034 | TestNo: SW9020       | Analysis Date: 8/7/2025 | SeqNo: 5717342 |                                                        |
| Analyte               | Result            | PQL                  | SPK value               | SPK Ref Val    | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual |
| Total Organic Halides | ND                | 0.100                |                         |                | U                                                      |

Qualifiers: H Holding times for preparation or analysis exceeded  
ND Not Detected  
U Samples with CalcVal < MDL

J Analyte detected below quantitation limits  
PL Permit Limit  
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response  
RL Reporting Detection Limit

Original



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## QC SUMMARY REPORT

WO#: 25080236

12-Aug-25

Client: ATG - NEWARK LAB

Project: Q2718

BatchID: R214248

|                              |                          |                                                 |           |             |                                 |          |           |             |                       |          |      |
|------------------------------|--------------------------|-------------------------------------------------|-----------|-------------|---------------------------------|----------|-----------|-------------|-----------------------|----------|------|
| Sample ID: <b>MB-R214248</b> | SampType: <b>MBLK</b>    | TestCode: <b>TOX_NPW(90)</b> Units: <b>mg/L</b> |           |             | Prep Date:                      |          |           |             | RunNo: <b>214248</b>  |          |      |
| Client ID: <b>BatchQC</b>    | Batch ID: <b>R214248</b> | TestNo: <b>SW9020</b>                           |           |             | Analysis Date: <b>8/11/2025</b> |          |           |             | SeqNo: <b>5722519</b> |          |      |
| Analyte                      | Result                   | PQL                                             | SPK value | SPK Ref Val | %REC                            | LowLimit | HighLimit | RPD Ref Val | %RPD                  | RPDLimit | Qual |
| Total Organic Halides        | ND                       | 0.100                                           |           |             |                                 |          |           |             |                       |          | U    |

|                               |                          |                                                |           |             |      |                                 |           |             |      |                       |      |  |
|-------------------------------|--------------------------|------------------------------------------------|-----------|-------------|------|---------------------------------|-----------|-------------|------|-----------------------|------|--|
| Sample ID: <b>LCS-R214248</b> | SampType: <b>LCS</b>     | TestCode: <b>TOX_NPW(90</b> Units: <b>mg/L</b> |           |             |      | Prep Date:                      |           |             |      | RunNo: <b>214248</b>  |      |  |
| Client ID: <b>BatchQC</b>     | Batch ID: <b>R214248</b> | TestNo: <b>SW9020</b>                          |           |             |      | Analysis Date: <b>8/11/2025</b> |           |             |      | SeqNo: <b>5722520</b> |      |  |
| Analyte                       | Result                   | PQL                                            | SPK value | SPK Ref Val | %REC | LowLimit                        | HighLimit | RPD Ref Val | %RPD | RPDLimit              | Qual |  |
| Total Organic Halides         | 0.188                    | 0.100                                          | 0.2000    | 0           | 94.0 | 80                              | 120       |             |      |                       |      |  |

|                                   |                          |                                                |           |             |      |                                 |           |             |      |                       |      |  |
|-----------------------------------|--------------------------|------------------------------------------------|-----------|-------------|------|---------------------------------|-----------|-------------|------|-----------------------|------|--|
| Sample ID: <b>25080522-001AMS</b> | SampType: <b>MS</b>      | TestCode: <b>TOX_NPW(90</b> Units: <b>mg/L</b> |           |             |      | Prep Date:                      |           |             |      | RunNo: <b>214248</b>  |      |  |
| Client ID: <b>BatchQC</b>         | Batch ID: <b>R214248</b> | TestNo: <b>SW9020</b>                          |           |             |      | Analysis Date: <b>8/11/2025</b> |           |             |      | SeqNo: <b>5722522</b> |      |  |
| Analyte                           | Result                   | PQL                                            | SPK value | SPK Ref Val | %REC | LowLimit                        | HighLimit | RPD Ref Val | %RPD | RPDLimit              | Qual |  |
| Total Organic Halides             | 9.92                     | 1.00                                           | 10.00     | 0.4680      | 94.6 | 80                              | 120       |             |      |                       |      |  |

|                                    |  |                          |                                                |           |             |      |                                 |           |             |                       |          |      |
|------------------------------------|--|--------------------------|------------------------------------------------|-----------|-------------|------|---------------------------------|-----------|-------------|-----------------------|----------|------|
| Sample ID: <b>25080522-001AMSD</b> |  | SampType: <b>MSD</b>     | TestCode: <b>TOX_NPW(90</b> Units: <b>mg/L</b> |           |             |      | Prep Date:                      |           |             | RunNo: <b>214248</b>  |          |      |
| Client ID: <b>BatchQC</b>          |  | Batch ID: <b>R214248</b> | TestNo: <b>SW9020</b>                          |           |             |      | Analysis Date: <b>8/11/2025</b> |           |             | SeqNo: <b>5722523</b> |          |      |
| Analyte                            |  | Result                   | PQL                                            | SPK value | SPK Ref Val | %REC | LowLimit                        | HighLimit | RPD Ref Val | %RPD                  | RPDLimit | Qual |
| Total Organic Halides              |  | 9.28                     | 1.00                                           | 10.00     | 0.4680      | 88.2 | 80                              | 120       | 9.924       | 6.66                  | 20       |      |

**Qualifiers:** H Holding times for preparation or analysis exceeded  
ND Not Detected  
U Samples with CalcVal < MDL

J Analyte detected below quantitation limits  
PL Permit Limit  
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response  
RL Reporting Detection Limit

Original



Alliance Technical Group - Akron  
3310 Win St.  
Cuyahoga Falls, Ohio 44223  
TEL: (330) 253-8211 FAX: (330) 253-4489  
Website: <http://www.settek.com>

## QC SUMMARY REPORT

WO#: 25080236

12-Aug-25

Client: ATG - NEWARK LAB

Project: Q2718

BatchID: R214248

|                             |  |                   |  |                      |           |             |      |                          |           |                |      |          |      |
|-----------------------------|--|-------------------|--|----------------------|-----------|-------------|------|--------------------------|-----------|----------------|------|----------|------|
| Sample ID: 25080522-001AMSD |  | SampType: MSD     |  | TestCode: TOX_NPW(90 |           | Units: mg/L |      | Prep Date:               |           | RunNo: 214248  |      |          |      |
| Client ID: BatchQC          |  | Batch ID: R214248 |  | TestNo: SW9020       |           |             |      | Analysis Date: 8/11/2025 |           | SeqNo: 5722523 |      |          |      |
| Analyte                     |  | Result            |  | PQL                  | SPK value | SPK Ref Val | %REC | LowLimit                 | HighLimit | RPD Ref Val    | %RPD | RPDLimit | Qual |

|                       |                   |                                  |           |             |      |                          |           |             |      |                |      |  |
|-----------------------|-------------------|----------------------------------|-----------|-------------|------|--------------------------|-----------|-------------|------|----------------|------|--|
| Sample ID: MB-R214248 | SampType: MBLK    | TestCode: TOX_NPW(90 Units: mg/L |           |             |      | Prep Date:               |           |             |      | RunNo: 214248  |      |  |
| Client ID: BatchQC    | Batch ID: R214248 | TestNo: SW9020                   |           |             |      | Analysis Date: 8/11/2025 |           |             |      | SeqNo: 5722531 |      |  |
| Analyte               | Result            | PQL                              | SPK value | SPK Ref Val | %REC | LowLimit                 | HighLimit | RPD Ref Val | %RPD | RPDLimit       | Qual |  |
| Total Organic Halides | ND                | 0.100                            |           |             |      |                          |           |             |      |                | U    |  |

|                              |                          |                                                |           |             |      |                                 |           |             |      |                       |      |  |
|------------------------------|--------------------------|------------------------------------------------|-----------|-------------|------|---------------------------------|-----------|-------------|------|-----------------------|------|--|
| Sample ID: <b>MB-R214248</b> | SampType: <b>MBLK</b>    | TestCode: <b>TOX_NPW(90</b> Units: <b>mg/L</b> |           |             |      | Prep Date:                      |           |             |      | RunNo: <b>214248</b>  |      |  |
| Client ID: <b>BatchQC</b>    | Batch ID: <b>R214248</b> | TestNo: <b>SW9020</b>                          |           |             |      | Analysis Date: <b>8/11/2025</b> |           |             |      | SeqNo: <b>5722539</b> |      |  |
| Analyte                      | Result                   | PQL                                            | SPK value | SPK Ref Val | %REC | LowLimit                        | HighLimit | RPD Ref Val | %RPD | RPDLimit              | Qual |  |
| Total Organic Halides        | ND                       | 0.100                                          |           |             |      |                                 |           |             |      |                       | U    |  |

|                            |                   |                                  |           |             |      |                          |           |             |      |                |      |  |
|----------------------------|-------------------|----------------------------------|-----------|-------------|------|--------------------------|-----------|-------------|------|----------------|------|--|
| Sample ID: 25080524-001AMS | SampType: MS      | TestCode: TOX_NPW(90 Units: mg/L |           |             |      | Prep Date:               |           |             |      | RunNo: 214248  |      |  |
| Client ID: BatchQC         | Batch ID: R214248 | TestNo: SW9020                   |           |             |      | Analysis Date: 8/11/2025 |           |             |      | SeqNo: 5722542 |      |  |
| Analyte                    | Result            | PQL                              | SPK value | SPK Ref Val | %REC | LowLimit                 | HighLimit | RPD Ref Val | %RPD | RPDLimit       | Qual |  |
| Total Organic Halides      | 10.1              | 1.00                             | 10.00     | 0.2060      | 98.8 | 80                       | 120       |             |      |                |      |  |

**Qualifiers:** H Holding times for preparation or analysis exceeded  
ND Not Detected  
U Samples with CalcVal < MDL

J Analyte detected below quantitation limits  
PL Permit Limit  
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response  
RL Reporting Detection Limit

Original



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Cuyahoga Falls, Ohio 44223  
TEL: (330) 253-8211 FAX: (330) 253-4489  
Website: <http://www.settek.com>

## QC SUMMARY REPORT

WO#: 25080236

12-Aug-25

Client: ATG - NEWARK LAB

Project: Q2718

BatchID: R214248

|                             |                   |                      |                          |                |                                                        |
|-----------------------------|-------------------|----------------------|--------------------------|----------------|--------------------------------------------------------|
| Sample ID: 25080524-001AMSD | SampType: MSD     | TestCode: TOX_NPW(90 | Units: mg/L              | Prep Date:     | RunNo: 214248                                          |
| Client ID: BatchQC          | Batch ID: R214248 | TestNo: SW9020       | Analysis Date: 8/11/2025 | SeqNo: 5722543 |                                                        |
| Analyte                     | Result            | PQL                  | SPK value                | SPK Ref Val    | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual |
| Total Organic Halides       | 9.39              | 1.00                 | 10.00                    | 0.2060         | 91.9 80 120 10.08 7.11 20                              |

|                       |                   |                      |                          |                |                                                        |
|-----------------------|-------------------|----------------------|--------------------------|----------------|--------------------------------------------------------|
| Sample ID: MB-R214248 | SampType: MBLK    | TestCode: TOX_NPW(90 | Units: mg/L              | Prep Date:     | RunNo: 214248                                          |
| Client ID: BatchQC    | Batch ID: R214248 | TestNo: SW9020       | Analysis Date: 8/11/2025 | SeqNo: 5722551 |                                                        |
| Analyte               | Result            | PQL                  | SPK value                | SPK Ref Val    | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual |
| Total Organic Halides | ND                | 0.100                |                          |                | U                                                      |

|                       |                   |                      |                          |                |                                                        |
|-----------------------|-------------------|----------------------|--------------------------|----------------|--------------------------------------------------------|
| Sample ID: MB-R214248 | SampType: MBLK    | TestCode: TOX_NPW(90 | Units: mg/L              | Prep Date:     | RunNo: 214248                                          |
| Client ID: BatchQC    | Batch ID: R214248 | TestNo: SW9020       | Analysis Date: 8/11/2025 | SeqNo: 5722554 |                                                        |
| Analyte               | Result            | PQL                  | SPK value                | SPK Ref Val    | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual |
| Total Organic Halides | ND                | 0.100                |                          |                | U                                                      |

Qualifiers: H Holding times for preparation or analysis exceeded  
ND Not Detected  
U Samples with CalcVal < MDL

J Analyte detected below quantitation limits  
PL Permit Limit  
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response  
RL Reporting Detection Limit

Original



Q2718

11777

| Turnaround Time                                                       |                          | Report Supplements              |                             |
|-----------------------------------------------------------------------|--------------------------|---------------------------------|-----------------------------|
| Availability contingent upon lab approval; additional fees may apply. |                          |                                 |                             |
| Standard 5 day                                                        | <input type="checkbox"/> | None Required                   | <input type="checkbox"/>    |
| 10 day                                                                | <input type="checkbox"/> | Batch QC                        | <input type="checkbox"/>    |
| Rush 3 day                                                            | <input type="checkbox"/> | Category A                      | <input type="checkbox"/>    |
| Rush 2 day                                                            | <input type="checkbox"/> | Category B                      | <input type="checkbox"/>    |
| Rush 1 day                                                            | <input type="checkbox"/> |                                 |                             |
| Other                                                                 | <input type="checkbox"/> | Other                           | <input type="checkbox"/>    |
| please indicate date needed                                           | <u>Standard</u>          | please indicate package needed: | please indicate EDD needed: |

Total Cost:

**By signing this form, client agrees to Paradigm Terms and Conditions (reverse).**



284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax (908) 789-8922  
WWW.CHEMTECH.NET

250802310

# CHAIN OF CUSTODY RECORD

| Sub Lab INFORMATION                        |  | CLIENT PROJECT INFORMATION            |                      | CLIENT BILLING INFORMATION                  |  |
|--------------------------------------------|--|---------------------------------------|----------------------|---------------------------------------------|--|
| COMPANY : Alliance Technical Group - Akron |  | ORDER ID : Q2718                      |                      | BILL TO: CHEMTECH PO# : q2718               |  |
| ADDRESS : 3310 Win Street                  |  | PROJECT ID: Halogens                  |                      | ADDRESS : 284, Sheffield Street             |  |
| CITY: Cuyahoga Fal State : OH ZIP : 44223  |  | PROJECT MANAGER YAZMEEN               |                      | CITY: Mountainside State : NJ ZIP : 07092   |  |
| E-mail : jennifer.woolf@alliancetg.com     |  | E-mail : yazmeen.gomez@alliancetg.com |                      | ATTENTION : YAZMEE                          |  |
| PHONE : 330-253-8211                       |  | PHONE : (908) 789 8900                | FAX : (908) 789 8922 | PHONE : (908) 789 8900 FAX : (908) 789 8922 |  |

EDD : EXCEL NJCLEAN Report : Level 1 Comment : NY. GRAB.

| ID | CLIENT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | ANALYSIS | Preservative         | Method | SAMPLE COLLECTION |          | # OF<br>BOTTLES | TAT<br>DAYS |
|----|---------------------------------|------------------|----------|----------------------|--------|-------------------|----------|-----------------|-------------|
|    |                                 |                  |          |                      |        | DATE              | TIME     |                 |             |
| 01 | PERCO-PRECISION-PROD-INC-1      | Water            | TOX      | Conc H2SO4 to pH < 2 | 9020   | 07/22/2025        | 11:15:00 | 1               | 10          |
| 02 | PERCO-PRECISION-PROD-INC-1      | Water            | TOX      | Conc H2SO4 to pH < 2 | 9020   | 07/22/2025        | 11:30:00 | 1               | 10          |
| 03 | PERCO-PRECISION-PROD-INC-1      | Water            | TOX      | Conc H2SO4 to pH < 2 | 9020   | 07/22/2025        | 12:15:00 | 1               | 10          |

| SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGES POSSESSION INCLUDING COURIER DELIVERY |                  |              |                                                                           |  |                                                          |
|---------------------------------------------------------------------------------------------------------|------------------|--------------|---------------------------------------------------------------------------|--|----------------------------------------------------------|
| RELINQUISHED BY SAMPLER:                                                                                | DATETIME:        | RECEIVED BY: | Conditions of bottles or Coolers at receipt:                              |  | Cooler Temp                                              |
| 1.                                                                                                      | 7/30/25<br>10:15 | 1.           | <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant |  | Ice or Cooler?                                           |
| RELINQUISHED BY:                                                                                        | DATETIME:        | RECEIVED BY: | 6.1-0.1 = 6.0 ups cooler                                                  |  |                                                          |
| 2.                                                                                                      |                  | 2.           |                                                                           |  |                                                          |
| RELINQUISHED BY:                                                                                        | DATETIME:        | RECEIVED BY: | <input type="checkbox"/> OVERNIGHT<br><input type="checkbox"/> OVERNIGHT  |  | Shipment Complete:                                       |
| 3.                                                                                                      |                  | 3.           | Page 14 of 16<br>Page 1 of 1                                              |  | <input type="checkbox"/> YES <input type="checkbox"/> NO |



## REPORT TO:

**INVOICE TO:**

PROJECT REFERENCE

Needs New York State Certification

|                                                                                      |                |            |
|--------------------------------------------------------------------------------------|----------------|------------|
| Sampled By                                                                           | Date/Time      | Total Cost |
|  | 7/28/2025 1600 |            |
| Relinquished By                                                                      | Date/Time      |            |
|                                                                                      |                |            |
| Received By                                                                          | Date/Time      | P.I.F.     |
|                                                                                      |                |            |
| Received @ Lab By                                                                    | Date/Time      |            |
|                                                                                      |                |            |

## Sample Log-In Check List

Client Name: **CHE-NJ-07972**

Work Order Number: **25080236**

RcptNo: **1**

Logged by: **Christina N. Gemma** **7/30/2025 10:15:00 AM**

Completed By: **Christina N. Gemma** **8/5/2025 11:40:26 AM**

Reviewed By: **Jennifer Woolf** **8/6/2025 11:16:27 AM**

*C. Gemma*  
*C. Gemma*  
*Jennifer Woolf*

### Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐  
2. How was the sample delivered? UPS

### Log In

3. Coolers are present? Yes ☒ No ☐ NA ☐  
4. Shipping container/cooler in good condition? Yes ☒ No ☐  
Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒ NA ☐  
No. Seal Date: Signed By:  
5. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐  
6. Were all samples received at a temperature of  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? Yes ☒ No ☐ NA ☐  
7. Sample(s) in proper container(s)? Yes ☒ No ☐  
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐  
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐  
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐  
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☒  
12. Were any sample containers received broken? Yes ☐ No ☒  
13. Does paperwork match bottle labels? Yes ☒ No ☐  
(Note discrepancies on chain of custody)  
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐  
15. Is it clear what analyses were requested? Yes ☒ No ☐  
16. Were all holding times able to be met? Yes ☒ No ☐  
(If no, notify customer for authorization.)

### Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:  Date:   
By Whom:  Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person  
Regarding:   
Client Instructions:

18. Additional remarks:  
headspace

### Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1         | 6.0     | Good      | Not Present |         |           |           |